

Title (en)  
MOULDBLE COMPOSITION

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Application  
**EP 91300962 A 19910206**

Priority  
JP 2684690 A 19900206

Abstract (en)  
[origin: EP0441607A2] Mouldable compositions comprising metallic powder and/or ceramic powder, mixed an organic binder are disclosed, which comprises an ether polyamine of the formula (1) and/or a primary amine of the formula (2) :  $X_{<1>} \text{ \&lsqbstr\& } (A_{<1>}\text{-O})_n\text{-}A_{<2>}\text{-}X_{<2>} ]_m$  (1) R-(O-A)r-NH<sub>2</sub> (2) wherein A<1> and A<2> are alkylene groups or aryl-substituted alkylene groups; X<1> is a residue of an active hydrogen atom-containing compound having at least 2 active hydrogen atoms; n is at least 1; m is 2 - 8; and X<2> is an amino group represented by <CHEM> wherein R<1> and R<2> are hydrogen atom, alkyl groups or groups of the formula : -(A<3>-O)<sub>k</sub>-R<3>, wherein A<3> is an alkylene group, R<3> is hydrogen atom or an alkyl group and k is at least 1; R is hydrogen atom or an alkyl groups containing 1 - 30 carbon atoms, A is an alkylene group containing 1 - 4 carbon atoms, and r is an integer of at least 1.

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Citation (search report)

- [YD] EP 0329475 A2 19890823 - SANYO CHEMICAL IND LTD [JP]
- [Y] US 4370463 A 19830125 - SCHAFFER ROBERT J
- [A] US 3929476 A 19751230 - KIRBY JR RUSSELL B, et al
- [A] US 4456713 A 19840626 - FRENCH KENNETH W [US], et al
- [A] EP 0265839 A2 19880504 - CALP CORPORATON [JP]
- [A] DATABASE WPI Derwent Publications Ltd., London, GB; DATABASE WPI, accession no. 88317772, week 45; & JP - A - 63233039 (SANYO CHEM IND LTD)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 177 (M-960), 09.04.1990; & JP - A - 2030701 (SANYO CHEM IND)

Cited by  
DE19652223A1; DE19652223C2; DE102006004622A1; DE102006004622B4; EP3078437A1

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